Directions

Glance 'n Go Sampling for Greenbugs in Winter Wheat

Treatment Threshold = 4 Greenbugs/Tiller



Economic Thresholds for January - May

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- ► To sample the wheat field, use a "zig zag" or "W" pattern and walk at least 15 steps (about 30 ft) between stops.
- ► Carefully pull and examine 3 tillers (stems) per stop, taking one tiller from the left, right, and front.
- At each stop, color in the leaf for each tiller that has one or more greenbugs on it, and keep a running total. If the number of infested tillers is less than or equal to the number in the "Don't Treat" column then stop sampling, and do not treat. If the number of infested tillers is equal to or greater than the number in the "Treat" column then stop sampling, and treat the field. If the number falls within the numbers listed in the "Keep Sampling" column, continue sampling until a decision can be made, or the "Stop Sampling" box has been reached.
- ▶ If the "Stop Sampling" box is reached and a decision is not made:
 - ▶ Do not spray if most of the greenbugs are mummies.
 - ▶ Recheck the field in 2-4 days if no or very few mummies are present.

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Field 1

Date

Spring, Threshold = 4

Sample 🔻		Stop eve Mark a leaf for ea	Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat			
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ "	▼
Tillers 1-15 ▶	٥٥٥	٥٥٥	$\Diamond \Diamond \Diamond$		٥٥٥	▶ /15 ▶	6 or less	7-13	14 or more
Tillers 16-30 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /30▶	16 or less	17-24	25 or more
Tillers 31-45 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /45 ▶	27 or less	28-34	35 or more
Tillers 46-60 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /60▶	37 or less	38-44	45 or more
Tillers 61-75 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\delta\delta\delta$	٥٥٥	▶ /75 ▶	48 or less	49-55	56 or more
Tillers 76-90 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	▶ /90▶	58 or less	59-65	66 or more
		Stop Samplin	g Resamp	le in 2-4 days			-		

Field 2

Date

Stop Sampling

Spring, Threshold = 4

Sample ▼	Stop 1	Stop every 30 ft. and look at 3 tillers Mark a leaf for each tiller that has 1 or more greenbugs Stop 1 Stop 2 Stop 3 Stop 4 Stop 5						Keep Sam <u>p</u> ling	
Tillers 1-15 ▶	000	000	000	AAA	000	greenbugs ► /15►	6 or less	7-13	14 or more
Tillers 16-30 ▶	٥٥٥	٥٥٥	٥٥٥	٥٥٥	٥٥٥	▶ /30 ▶	16 or less	17-24	25 or more
Tillers 31-45 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	٥٥٥	٥٥٥	٥٥٥	▶ /45 ▶	27 or less	28-34	35 or more
Tillers 46-60 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$		$\Diamond \Diamond \Diamond$	٥٥٥	▶ /60▶	37 or less	38-44	45 or more
Tillers 61-75 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	٥٥٥	000	٥٥٥	▶ /75 ▶	48 or less	49-55	56 or more
Tillers 76-90 ▶	۵۵۵	۵۵۵	۵۵۵	۵۵۵	۵۵۵	▶ /90▶	58 or less	59-65	66 or more

Resample in 2-4 days

Field 3		Date	S	pring, Three	shold = 4				AHOMA COOPERATIVE
Sample •		Stop eve Mark a leaf for ea	Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat			
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ ************************************	▼
Tillers 1-15 ▶	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	٥٥٥	٥٥٥	٥٥٥	▶ /15▶	6 or less	7-13	14 or more
Tillers 16-30 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	٥٥٥	▶ /30 ▶	16 or less	17-24	25 or more
Tillers 31-45 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	٥٥٥	▶ /45 ▶	27 or less	28-34	35 or more
Tillers 46-60 ▶	۵۵۵	۵۵۵	۵۵۵	٥٥٥	۵۵۵	▶ /60▶	37 or less	38-44	45 or more
Tillers 61-75 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	٥٥٥	▶ /75 ▶	48 or less	49-55	56 or more
Tillers 76-90 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	۵۵۵	٥٥٥	۵۵۵	▶ /90▶	58 or less	59-65	66 or more
-		Stop Samplin	g Resamp	le in 2-4 days					

Field 4 Date Spring, Threshold = 4

Sample ▼			ry 30 ft. and look at ch tiller that has 1 o			Total tillers with 1 or more	Don't Treat	Keep Sampling	Treat
	Stop 1	Stop 2	Stop 3	Stop 4	Stop 5	greenbugs	▼	▼ Ŭ	▼
Tillers 1-15 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /15▶	6 or less	7-13	14 or more
Tillers 16-30 ▶	$\Diamond \Diamond \Diamond$	٥٥٥	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /30▶	16 or less	17-24	25 or more
Tillers 31-45 ▶	$\Delta\Delta\Delta$	۵۵۵	$\delta\delta\delta$	٥٥٥	۵۵۵	▶ /45 ▶	27 or less	28-34	35 or more
Tillers 46-60 ▶	۵۵۵	۵۵۵	۵۵۵	۵۵۵	۵۵۵	▶ /60▶	37 or less	38-44	45 or more
Tillers 61-75 ▶	$\delta \delta \delta$	٥٥٥	$\Diamond \Diamond \Diamond$	$\delta \delta \delta$	٥٥٥	► /75 ►	48 or less	49-55	56 or more
Tillers 76-90 ▶	$\Diamond \Diamond \Diamond$	$\Diamond \Diamond \Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	۵۵۵	▶ /90▶	58 or less	59-65	66 or more

Field 5 Date Spring, Threshold = 4

Sample V	Stop 1	Total tillers with 1 or more greenbugs Total tillers with Treat ▼		Keep Sampling					
Tillers 1-15 ▶	000	Stop 2	Stop 3	Stop 4	Stop 5	<u> </u>	6 or less	7-13	14 or more
Tillers 16-30 ▶	٥٥٥	000	٥٥٥	٥٥٥	٥٥٥	▶ /30 ▶	16 or less	17-24	25 or more
Tillers 31-45 ▶	٥٥٥	000	٥٥٥	٥٥٥	٥٥٥	▶ /45▶	27 or less	28-34	35 or more
Tillers 46-60 ▶	٥٥٥	$\Diamond\Diamond\Diamond$	$\Diamond\Diamond\Diamond$	$\Diamond \Diamond \Diamond$	٥٥٥	▶ /60▶	37 or less	38-44	45 or more
Tillers 61-75 ▶	٥٥٥	$\Diamond \Diamond \Diamond$	٥٥٥	٥٥٥	۵۵۵	▶ /75 ▶	48 or less	49-55	56 or more
Tillers 76-90 ▶	۵۵۵	$\Diamond \Diamond \Diamond$	٥٥٥	۵۵۵	۵۵۵	▶ /90 ▶	58 or less	59-65	66 or more